Lab Practical 8:-

# 1.

**Html code :-**

```
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Event Listener</title>

<link rel="stylesheet" href="Lab8.css">

</head>

<body ononline="onOnline()" onoffline="onOffline()" onresize="onResize()">

<div class="container">

<h1>This website is used to give knowledge about events in javascript.</h1>

<h3>- onload Event in javascript</h3>

<img src="https://www.pngkit.com/png/detail/244-2444040_gujarat-technological-university-logo.png"
id="img" onload="afterLoad()">

</div>

<div class="container">

<h3>- ononline and onoffline event in javascript</h3>

</div>

<div class="container">

<h3>- onresize Event in javascript</h3>

<p id="windowWidthHeight"></p>
```

```
</div>
```

```
<script src="Lab8.js"></script>
```

```
</body>
```
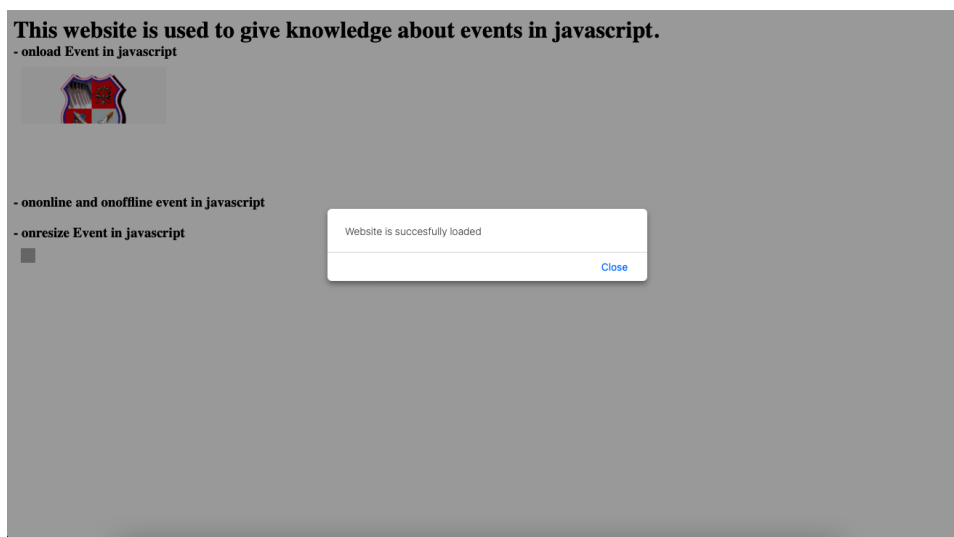
```
</html>
```

**Css code :-**

```
*{
margin: 0;
padding: 0;
}
.container {
padding: 10px;
}
#img {
margin: 10px;
width: 200px;
}

#windowWidthHeight {
margin: 10px;
background-color:darkgrey;
padding: 10px;
```

```
display: inline-block;
```

}

Javascript code : -

function afterLoad() {

alert("Website is succesfully loaded");

}

function onOnline() {

alert("Your browser is working online.")

}

function onOffline() {

alert("Your browser is working offline.")

}

function onResize() {

document.getElementById("windowWidthHeight").innerHTML = "Window size: width=" +

window.outerWidth + ", height=" + window.outerHeight; }

Output :-

2.

**Code :-**

```
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Mouse Event</title>

<style>
```

```
* {

margin: 0;

padding: 0;

}

button {

background-color: dimgray;

color: white;

padding: 10px 20px;
```

width: 20%;

border: none;

display: block;

margin: 15px 10px;

border-radius: 5px;

font-size: 20px;

cursor: pointer;

```
}
</style>
```

```
</head>
```

```
<body>
```

```
<div class="container">
```

```
<button onclick="onClick()">On Click</button>
```

```
<button ondblclick="ondbClick()">On Double Click</button>
```

```
<button onmousedown="onMouseDown()">On Mouse Down</button> <button
onmouseup="onMouseUp()">On Mouse Up</button>

<button onmouseover="onMouseOver()">On Mouse Over</button> <button
onmouseout="onMouseOut()">On Mouse

Out</button>
```

```
</div>
```

```
<script>
```

```
function onClick() {
```

```
alert("Button is clicked ones.");
```

```
}
```

```
function ondbClick() {
```

```
alert("Button is clicked twice.");



}




function onMouseDown() {




alert("Button click is down.");




}




function onMouseUp() {




alert("Button click is up.");
```

```
        }




        function onMouseOver() {




        alert("Mouse cursor is on the button.")

        }




        function onMouseOut() {




        alert("Mouse cursor is out side of the button.")




        }




        </script>
```
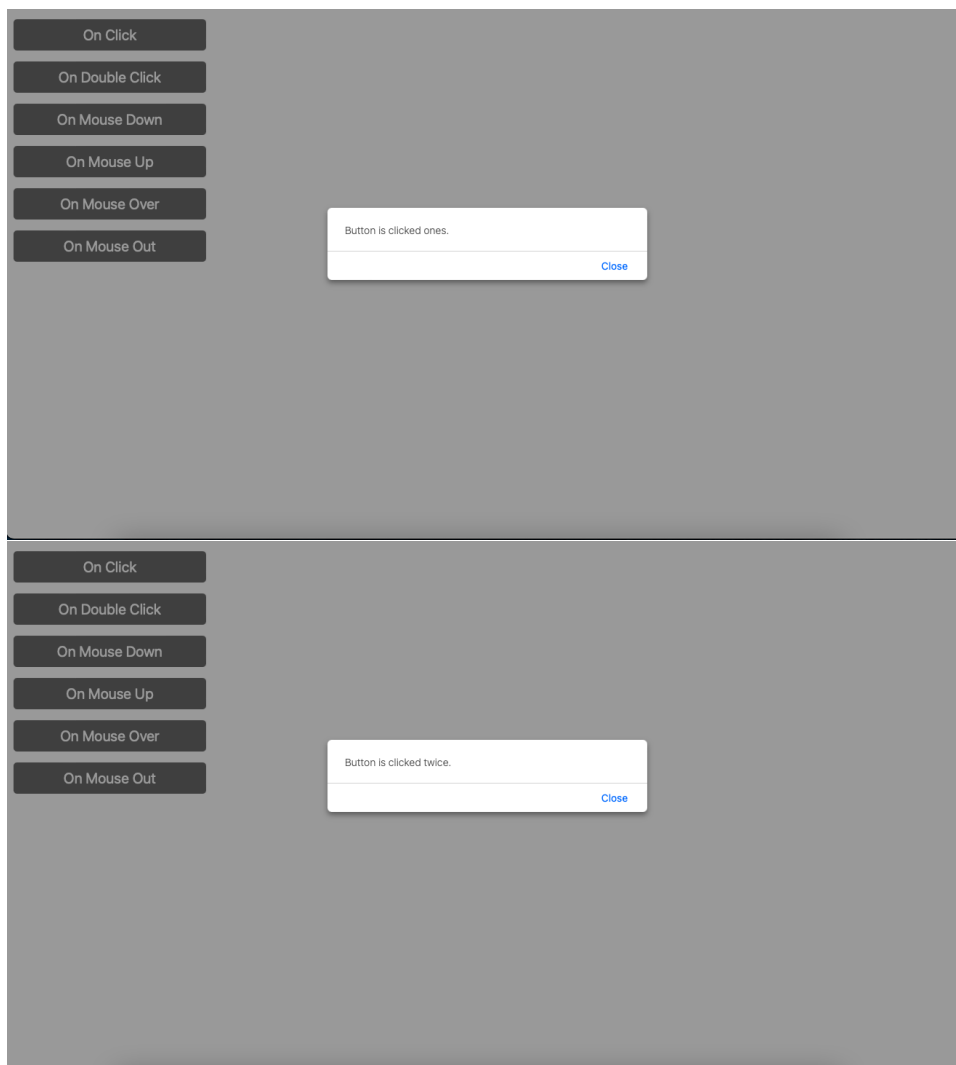
</body>

</html>

Output :-

On Click

On Double Click

On Mouse Down

On Mouse Up

On Mouse Over

On Mouse Out

Button click is down.

Close

On Click

On Double Click

On Mouse Down

On Mouse Up

On Mouse Over

On Mouse Out

Button click is up.

Close

On Click

On Double Click

On Mouse Down

On Mouse Up

On Mouse Over

On Mouse Out

Mouse cursor is on the button.

Close

# 3.

**Code :-**

```
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Keyboard Event</title>
```

```
<style>

* {


margin: 0 ;



padding:0;




}



label {



display: block;



margin: 20px 0px 0px 10px;
```

```
font-size: 20px;



}



input {



margin: 10px 0px 0px 10px;



border: 2px solid dimgray;



padding: 10px;



width: 30%;
```

background-color: lightgray;

border-radius: 5px;

}
</style>

</head>

<body>

<div class="container">

<label for="onkeydown">Event onkeydown</label>

```
<input type="text" id="onkeydown" onkeydown="onKeyDown()"> <label for="onkeyup">Event onkeyup</label>
```

```
<input type="text" id="onkeyup" onkeyup="onKeyUp()"> <label for="onkeypress">Event onkeypress</label>
```

```
<input type="text" id="onkeypress" onkeypress="onKeyPress()">
```

```
</div>
```

```
<script>
```

```
function onKeyDown() {
```

```
alert("Keyboard key is down.")
```

```
        }



        function onKeyUp() {



        alert("keyboard key is up.")



        }



        function onKeyPress() {



        alert("Keyboard key is press.")



        }
```

```
</script>
```

```
</body>
```

```
</html>
```

Output :-

Event onkeydown

Event onkeyup

Event onkeypress

Keyboard key is down.

Close

Event onkeydown

Event onkeyup

Event onkeypress

keyboard key is up.

Close

Event onkeydown

Event onkeyup

Event onkeypress

Keyboard key is press.

Close

<span style="color:red">**4.**</span>

Code :-

```
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<meta name="viewport" content="width=device-width, initial-scale=1.0"> <title>MEdia Event</title>
```

</head>

<body>

<div class="conatiner">

<video id="video" width="1300" controls>

<source src="skymedia.mp4" type="video/mp4">

</video>

</div>

```
<script>

const video = document.querySelector("video");

video.addEventListener("canplay", function(){

alert("Video is ready to play.")

});

video.addEventListener("play", function(){
```

```
alert("You play video using play button.")




});




video.addEventListener("pause", function(){




alert("You pause video using pause button.")




});




video.addEventListener("playing", function(){




alert("Video is playing.")
```

```
});
```

```
video.addEventListener("ended", function(){
```

```
alert("Thank you so much for watching video.")
```

```
});
```

```
</script>
```

```
</body>
```

```
</html>
```

Output :-

You play video using play button.

Close

You pause video using pause button.

Close